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W Meier... - Lecture Notes in Computer Science, 2003 - Springer

... Using an extended XPath syntax [2, 6], users may query a distinct part of the collection **hierarchy** or even all the documents contained in the **database**. ... Access to the actual **nodes**, which are stored in the central XML document store, is not required for these types of ...

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I Tatarinov, SD Viglas, K Beyer, J ... - Proceedings of the ..., 2002 - portal.acm.org

... We refer to this requirement as intra-element order because it enforces document order within result elements. ... 4. XML Order Encoding Methods In order to store and query shredded XML documents using a relational database system, we need some mechanism to ...

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M Klettke, H Meyer - Lecture Notes in Computer Science, 2001 - Springer

... XML documents onto databases in a more natural way. The element **hierarchy** of a DTD can be directly mapped onto nested attributes of a **database**. Furthermore, we have the possibility of using set-valued attributes to represent elements with the '*' and '+' quantifiers. ...

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D Chamberlin, J Robie, D Florescu - Lecture Notes in Computer Science, 2001 - Springer

... of XML information sources, and we have used examples from the **database** and document ... contains an example of a recursive function that computes the depth of a **node hierarchy**. ... function, compute the maximum depth of the document named "partlist.xml." FUNCTION depth ...

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P O'Neil, E O'Neil, S Pat, I Cseri, G Schaller, ... - Proceedings of the ..., 2004 - portal.acm.org

... 1. INTRODUCTION Relational database systems are now commonly used for XML data storage and update [9], [8], [11]. ... XML data and a tree representing the XML **hierarchy** are shown in Figures

2.1 and 2.2, respectively, with the corresponding NODE table shredded ...

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AB Chaudhri, A Rashid, R Zicari - 2003 · books.google.com

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washington.edu [PS]

M Rys - ... of the International Conference on Data ..., 2001 · doi.ieeecomputersociety.org

... shows a simple **XML** view that defines a Customer-Order **hierarchy** over the ... microsoft-com:xml-data" xmlns:sql= "um:schemas-microsoft-com:xml-sql" > <ElementType ... Customers" > <AttributeType name="ID" /> <attribute type="ID" sql:field="CustomerID" /> <element type="Order" ...

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psu.edu [PDF]

Q Li, B Moon - Proceedings of the International Conference on Very ..., 2001 · Citeseer

... inefficient for processing regular path expression queries, because the overhead of traversing the **hierarchy** of **XML** ... tree structure, where **nodes** represent elements, attributes and text data, and parent-child **node** pairs represent nesting between **XML** data components ...

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T Böhme, E Rahm - Proceedings of BTW2001, 2001 · lips.informatik.uni-leipzig.de

... Q1 Get document with given URL Return a complete document (complex **hierarchy** with ordering preserved ... Q6 Get doc_id and id of parent element of au-thor element with given ... throughput of a generic **XML**-based web application consisting of a **XML** **database** and middleware ...

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C Sartiani, P Manghi, G Ghelli, G Conforti - Proceedings of the First ..., 2004 · Springer

... the query till the root of the super-peer network, but still limits the exploration of the network to a fraction of the **hierarchy** ... MQP sub-plans, re-optimize MQP sub-plans, or just route P to another server; when P is reduced to **XML** code only, it is sent to the target **node**, ie, the ...

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